

10/049770

JC13 Rec'd PCT/FTO 19 FEB 2002

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Karin GOLZ-BERNER and Leonhard ZASTROW

Appln. No.:

Filed: February 19, 2002

For: COSMETIC PREPARATION OF ACTIVE SUBSTANCES WITH A  
SYNERGISTICALLY INCREASED RADICAL PROTECTION FACTOR

Attorney Docket No.: 3975.007

PRELIMINARY AMENDMENT

Attn: Box PCT  
Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application,  
please amend the application as follows:

IN THE CLAIMS (CLEAN VERSION):

Please cancel Claim 11; please add the following new Claims  
12-14:

12. A cosmetic active substance as in claim 1, wherein said  
substance is in a form selected from the group consisting of a  
cream, a gel, a lotion, a mask, makeup, shampoo, a stick, an  
oil, mascara, a sun screen composition, a toothpaste and a  
mouthwash preparation.

13. A method for imparting to skin protection against free  
radical aggression, said method comprising applying to said skin  
a cosmetic active substance preparation which comprises a  
content of

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a) a product obtained by extraction of the bark of *Ouebracho blanco* and subsequent enzymatic hydrolysis, containing at least 90 percent by weight of proanthocyanidine oligomers and up to 10 percent by weight of gallic acid, where the content of (a), which is available in a concentration of 2 percent by weight linked to a microcapsule ranges from 0.1 to 10 wt.%;

(b) an extract of the silkworm obtained by extraction, containing the peptide cecropine, amino acids and a vitamin mix, where the content of (b) ranges from 0.1 to 10 wt.%;

(c) a non-ionic, cationic or anionic hydrogel or mixture of hydrogels, where the content of (c) ranges from 0.1 to 5 wt%;

(d) one or several phospholipids in the range of 0.1 up to 30 wt. %;

(e) an ultrasound decomposition product of a yeast containing at least 150 units of superoxide dismutase per ml, wherein the content of the decomposition product is in the range from 0.5 to 4 percent by weight;

(f) one or more cyclodextrines selected from the group consisting of  $\beta$ - and  $\gamma$ -cyclodextrins with a share of 0.5 to 8 % by weight; and

(g) up to 100 percent by weight of water;

related to the total weight of the active substance preparation each.

14. A method as in claim 13, wherein said cosmetic active substance preparation is in the form of a cream, a gel, a lotion, a mask, makeup, shampoo, a stick, an oil, mascara, a sun screen composition, a toothpaste or a mouthwash.

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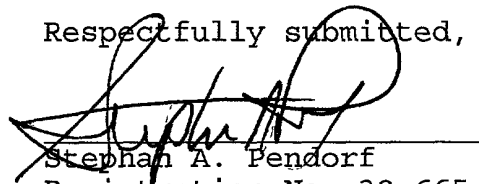
Attorney Docket: 3975.007

REMARKS

The claims have been amended in order to eliminate multiple dependent claims and claims improperly depending from multiple dependent claims, and to otherwise conform the claims to U.S. practice. Care has been taken to ensure that no new matter is added to the text.

Entry and favorable consideration prior to consideration are respectfully requested.

Respectfully submitted,



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Date: February 19, 2002

EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" MAILING LABEL NUMBER: EL568147878US

DATE OF DEPOSIT: February 19, 2002

I HEREBY CERTIFY that the foregoing Preliminary Amendment and a stamped receipt post card are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated and is addressed: ATTN: Box PCT, U.S. Patent and Trademark Office, Washington, DC 20231.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account Number 16-0877.



Bonnie L. Horst

206729-0264007

VERSION WITH MARKINGS TO SHOW CHANGES MADE

The Examiner is requested to accept the marked-up version as it is based on the previous version, which when modified as below, produces the clean version submitted with the current amendment.

Please amend the claims as follows:

Please cancel Claim 11.

Please add the following new Claims 12 - 14:

--12. A cosmetic active substance as in claim 1, wherein said substance is in a form selected from the group consisting of a cream, a gel, a lotion, a mask, makeup, shampoo, a stick, an oil, mascara, a sun screen composition, a toothpaste and a mouthwash preparation.

13. A method for imparting to skin protection against free radical aggression, said method comprising applying to said skin a cosmetic active substance preparation which comprises a content of

a) a product obtained by extraction of the bark of *Ouebracho blanco* and subsequent enzymatic hydrolysis, containing at least 90 percent by weight of proanthocyanidine oligomers and up to 10 percent by weight of gallic acid, where the content of (a), which is available in a concentration of 2 percent by weight linked to a microcapsule ranges from 0.1 to 10 wt.%;

(b) an extract of the silkworm obtained by extraction, containing the peptide cecropine, amino acids and a vitamin mix, where the content of (b) ranges from 0.1 to 10 wt.%;

(c) a non-ionic, cationic or anionic hydrogel or mixture of hydrogels, where the content of (c) ranges from 0.1 to 5 wt%;

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(e) an ultrasound decomposition product of a yeast containing at least 150 units of superoxide dismutase per ml, wherein the content of the decomposition product is in the range from 0.5 to 4 percent by weight;

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